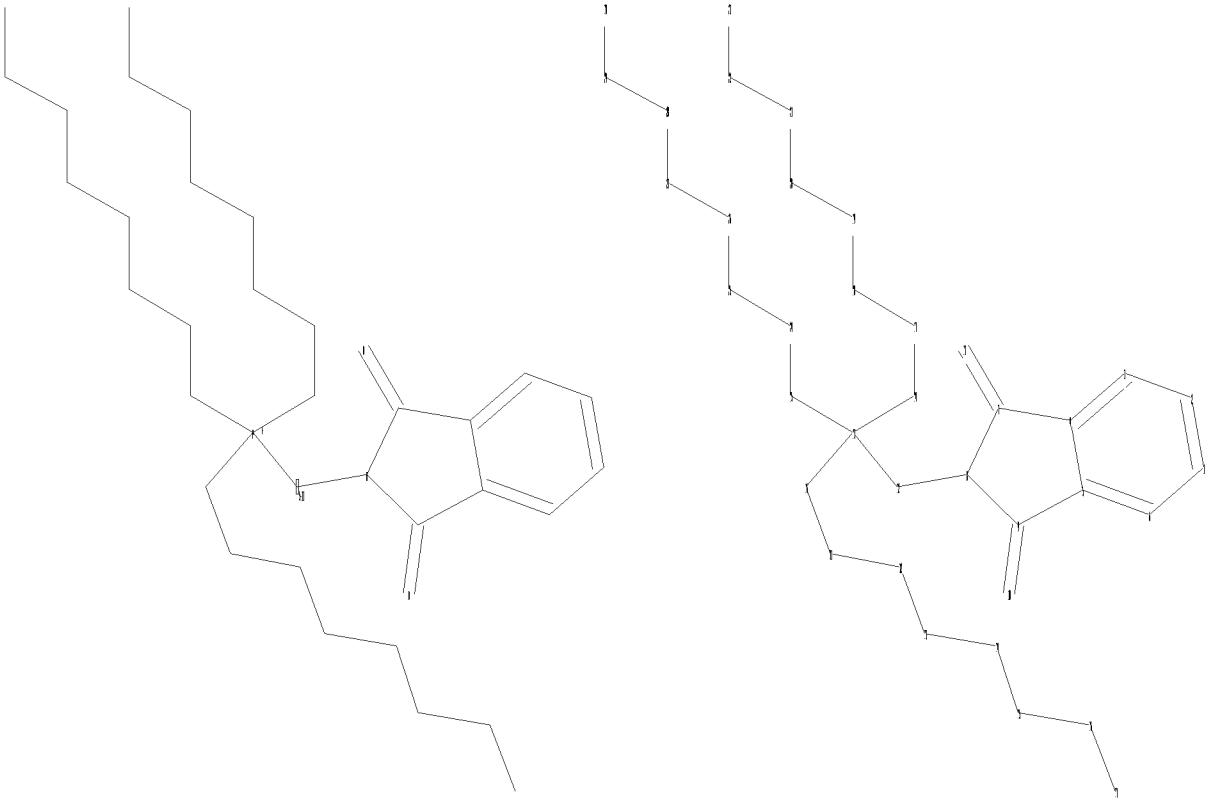


ring nodes :
1 2 3 4 5 6 7 8 9
ring/chain nodes :
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
31 32 33 34 35 36 37
ring/chain bonds :
7-11 8-12 9-10 12-13 13-14 13-15 13-16 14-17 15-24 16-31 17-18 18-19
19-20 20-21 21-22 22-23 24-25 25-26 26-27 27-28 28-29 29-30 31-32 32-33
33-34 34-35 35-36 36-37
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9
exact/norm bonds :
12-13 13-14 13-15 13-16 14-17 15-24 16-31 17-18 18-19 19-20 20-21 21-22
22-23 24-25 25-26 26-27 27-28 28-29 29-30 31-32 32-33 33-34 34-35 35-36
36-37

exact bonds :
4-7 5-9 7-8 7-11 8-9 8-12 9-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS
27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS
35:CLASS 36:CLASS 37:CLASS

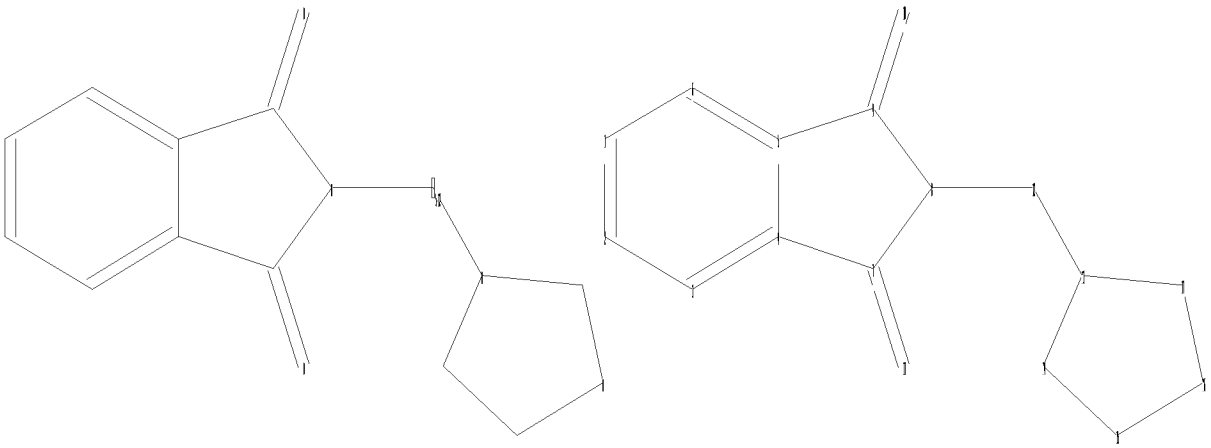
L1   STRUCTURE UPLOADED

=> s l1 sss full
FULL SEARCH INITIATED 11:19:43 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   772 TO ITERATE

100.0% PROCESSED   772 ITERATIONS   4 ANSWERS
SEARCH TIME: 00.00.01

L2   4 SEA SSS FUL L1

=>
Uploading C:\Documents and Settings\mpepitone\My
Documents\ChemDraw\10572677\nphth.str



ring nodes :
1 2 3 4 5 6 7 8 9 13 14 15 16 17
ring/chain nodes :
10 11 12
ring/chain bonds :
7-11 8-12 9-10 12-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 13-14 13-17 14-15 15-16 16-17

exact bonds :
4-7 5-9 7-8 7-11 8-9 8-12 9-10 12-13
normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 13-14 13-17 14-15 15-16 16-17

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom

L3   STRUCTURE UPLOADED

=> s l3 sss full
FULL SEARCH INITIATED 11:20:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   3016 TO ITERATE

100.0% PROCESSED   3016 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

L4   0 SEA SSS FUL L3

=>
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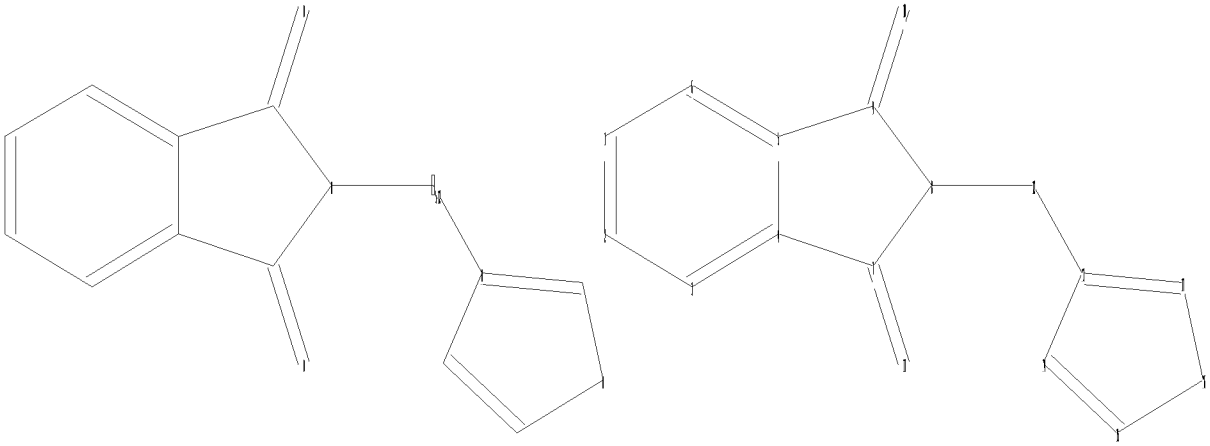

ring nodes :
1 2 3 4 5 6 7 8 9 13 14 15 16 17
ring/chain nodes :
10 11 12
ring/chain bonds :
7-11 8-12 9-10 12-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 13-14 13-17 14-15 15-16 16-17

exact/norm bonds :
13-17 14-15
exact bonds :
4-7 5-9 7-8 7-11 8-9 8-12 9-10 12-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 13-14 15-16 16-17

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom

L5 STRUCTURE UPLOADED

=> s l5 sss full
FULL SEARCH INITIATED 11:23:50 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 5922 TO ITERATE

100.0% PROCESSED 5922 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L6 0 SEA SSS FUL L5

=>
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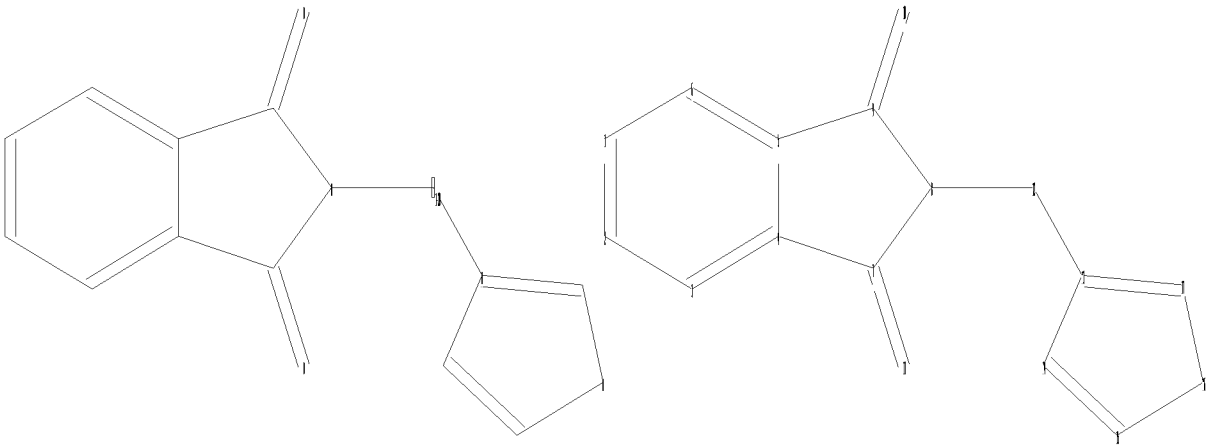

ring nodes :
1 2 3 4 5 6 7 8 9 13 14 15 16 17
ring/chain nodes :
10 11 12
ring/chain bonds :
7-11 8-12 9-10 12-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 13-14 13-17 14-15 15-16 16-17

exact/norm bonds :
13-17 14-15
exact bonds :
4-7 5-9 7-8 7-11 8-9 8-12 9-10 12-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 13-14 15-16 16-17

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom

L7 STRUCTURE UPLOADED

=>
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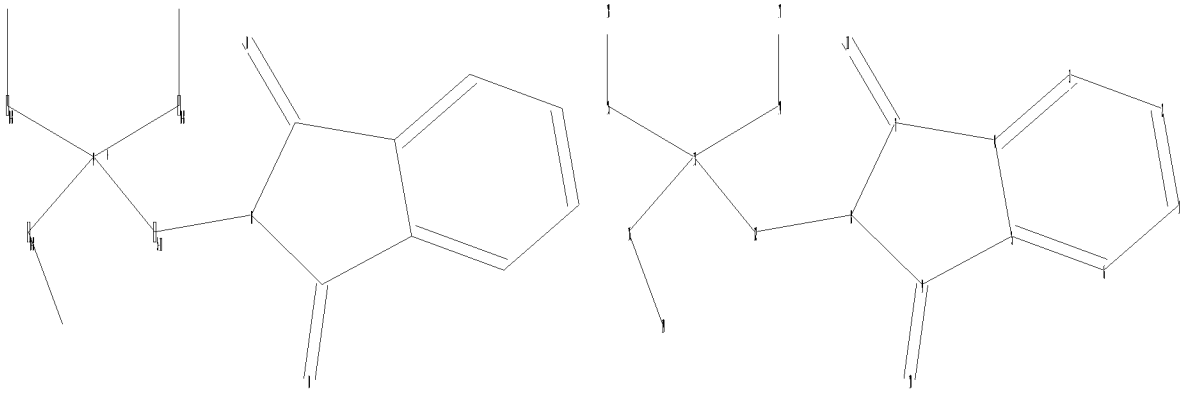


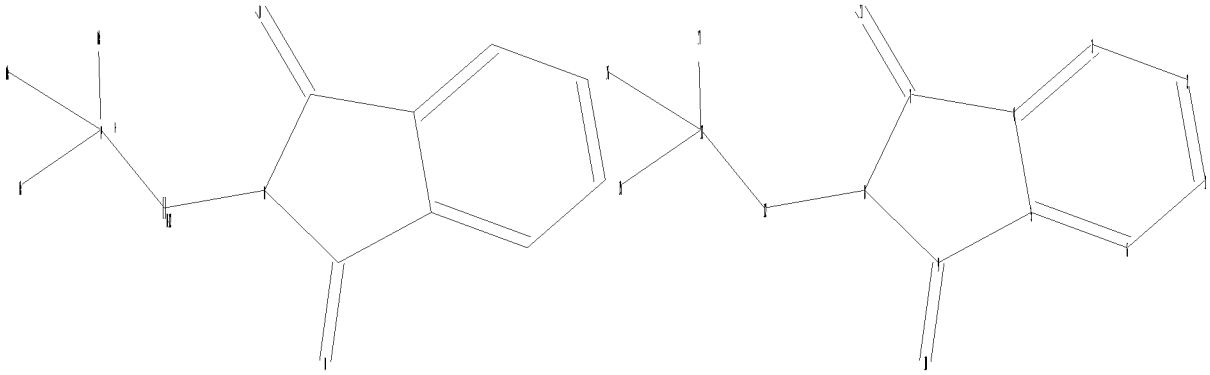
ring nodes :
1 2 3 4 5 6 7 8 9
ring/chain nodes :
10 11 12 13 14 15 16 17 18 19
ring/chain bonds :
7-11 8-12 9-10 12-13 13-14 13-15 13-16 14-17 15-18 16-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9
exact/norm bonds :
12-13 13-14 13-15 13-16 14-17 15-18 16-19
exact bonds :
4-7 5-9 7-8 7-11 8-9 8-12 9-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS

L10 STRUCTURE UPLOADED

=> s l10 sss full
STRUCTURE TOO LARGE - SEARCH ENDED
A structure in your query is too large. You may delete
attributes or atoms to reduce the size of the structure
and try again.

=>
Uploading C:\Documents and Settings\mpepitone\My Documents\ChemDraw\10572677\6.str



```
chain nodes :
15  16  17
ring nodes :
1  2  3  4  5  6  7  8  9
ring/chain nodes :
10  11  12  13
chain bonds :
13-15  13-16  13-17
ring/chain bonds :
7-11  8-12  9-10  12-13
ring bonds :
1-2  1-6  2-3  3-4  4-5  4-7  5-6  5-9  7-8  8-9
exact/norm bonds :
12-13  13-15  13-16  13-17
exact bonds :
4-7  5-9  7-8  7-11  8-9  8-12  9-10
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:CLASS  12:CLASS  13:CLASS  15:CLASS  16:CLASS  17:CLASS



L12     STRUCTURE UPLOADED

=> s l12 sss full
FULL SEARCH INITIATED 11:35:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     2709 TO ITERATE

100.0% PROCESSED     2709 ITERATIONS                                27 ANSWERS
SEARCH TIME: 00.00.01

L13          27 SEA SSS FUL L12

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     189.24     986.54

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
```

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
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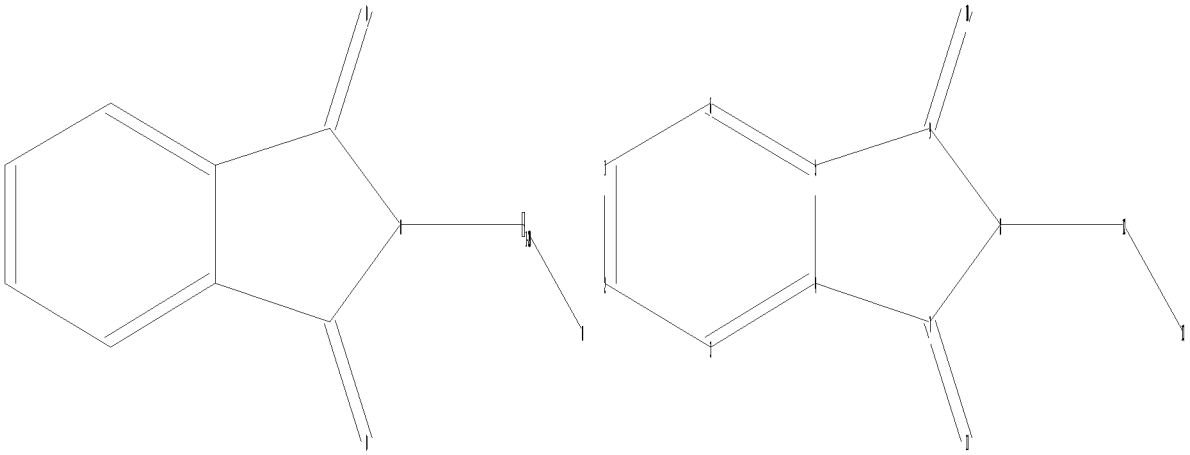

chain nodes :
13
ring nodes :
1 2 3 4 5 6 7 8 9
ring/chain nodes :
10 11 12
ring/chain bonds :
7-11 8-12 9-10 12-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9
exact bonds :
4-7 5-9 7-8 7-11 8-9 8-12 9-10 12-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:Atom

L15   STRUCTURE UPLOADED

=> s l15 sss full
FULL SEARCH INITIATED 11:39:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   268242 TO ITERATE

100.0% PROCESSED   268242 ITERATIONS   60140 ANSWERS
SEARCH TIME: 00.00.05

L16   60140 SEA SSS FUL L15

=>

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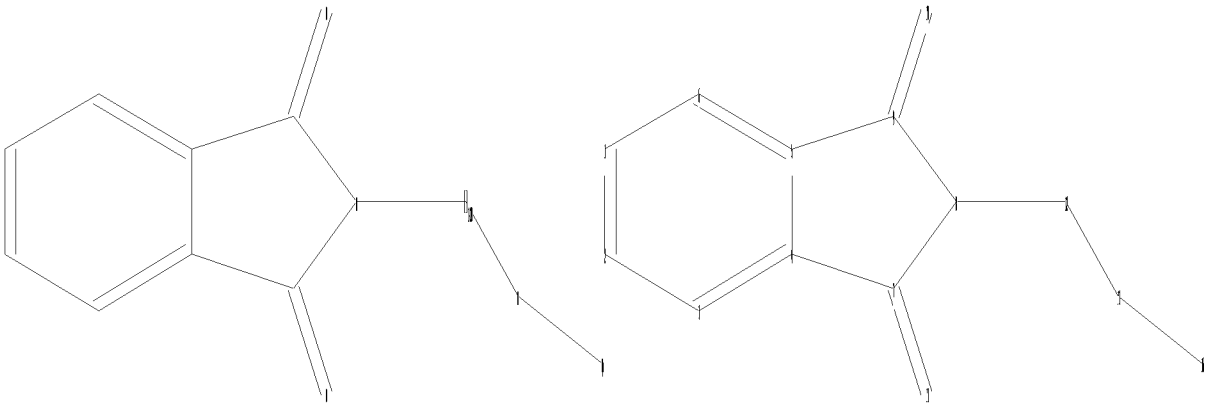

chain nodes :
13 16
ring nodes :
1 2 3 4 5 6 7 8 9
ring/chain nodes :
10 11 12
chain bonds :
13-16
ring/chain bonds :
7-11 8-12 9-10 12-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9
exact/norm bonds :
13-16
exact bonds :
4-7 5-9 7-8 7-11 8-9 8-12 9-10 12-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:Atom 16:Atom

L17 STRUCTURE UPLOADED

=> s l17 sss full
FULL SEARCH INITIATED 11:41:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 266737 TO ITERATE

100.0% PROCESSED 266737 ITERATIONS 2397 ANSWERS
SEARCH TIME: 00.00.08

L18 2397 SEA SSS FUL L17

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	373.20	1436.06

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE ENTRY TOTAL SESSION
CA SUBSCRIBER PRICE 0.00 -17.22

FILE 'REGISTRY' ENTERED AT 11:44:52 ON 20 AUG 2009

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 AUG 2009 HIGHEST RN 1174705-31-7
DICTIONARY FILE UPDATES: 19 AUG 2009 HIGHEST RN 1174705-31-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
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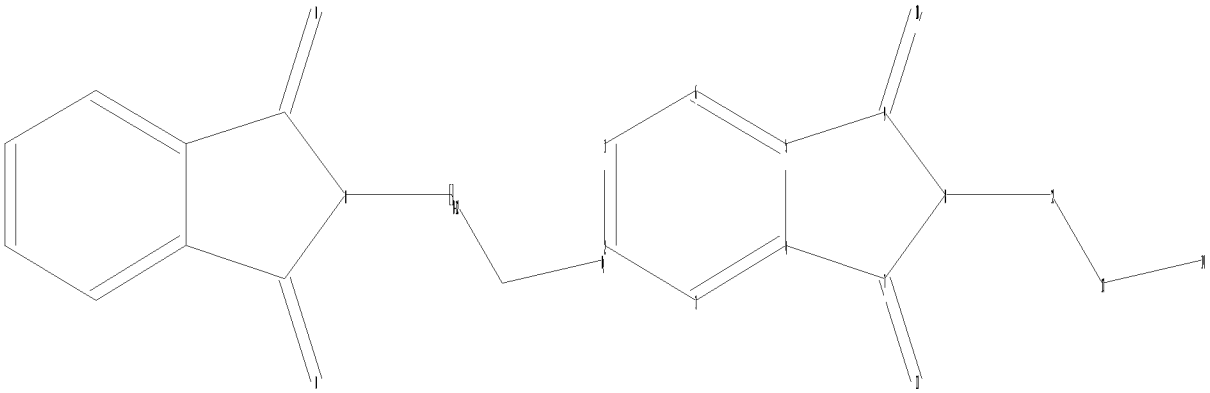


chain nodes :
13 14
ring nodes :
1 2 3 4 5 6 7 8 9
ring/chain nodes :
10 11 12
chain bonds :
12-13 13-14
ring/chain bonds :
7-11 8-12 9-10
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9

=> STR 671180-46-4

WARNING. SINGLE ATOM FRAGMENTS NOT INCLUDED IN MODEL:
Br
:END

L29 STRUCTURE CREATED

=> S L29 FAM FUL

FULL SEARCH INITIATED 11:52:43 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   27 TO ITERATE

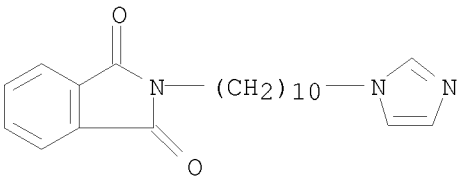
100.0% PROCESSED   27 ITERATIONS   2 ANSWERS
SEARCH TIME: 00.00.01

L30   2 SEA FAM FUL L29

=>

=> D SCAN

L30 2 ANSWERS   REGISTRY COPYRIGHT 2009 ACS on STN
IN   1H-Isoindole-1,3(2H)-dione, 2-[10-(1H-imidazol-1-yl)decyl]-
MF   C21 H27 N3 O2
CI   COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L30 2 ANSWERS   REGISTRY COPYRIGHT 2009 ACS on STN
IN   1H-Isoindole-1,3(2H)-dione, 2-[10-(1H-imidazol-1-yl)decyl]-, hydrobromide
     (1:1)
MF   C21 H27 N3 O2 . Br H